

KUBAT, R. (Praha 2. Na Bojisti 1)

Tabic arthropathy of the spine. Acta chir. orthop. traum. cech. 26  
no.3:186-189 June 59.

1. Ortopedická klinika prof. Jarose, Praha.  
    (TABES DORSALIS, compl.  
      arthropathy of spine (Cs))  
    (SPINE, dis.  
      tabic arthropathy (Cs))

KUBAT, Rudolf

Walking support device in the treatment of sequelae of congenital  
hip dislocation. Acta chir. orthop. traum. cech. 27 no.1:87-88  
P '60

1. I ortopedická klinika.  
(HIP fract. & disloc.)

KUBAT, R.

Unusual presence of osteoclastoma in the occipital bone in children.  
Acta chir.orthop.traum.czech. 28 no.3:246-247 Je '61.

1. II.ortopedicka klinika, Praha, prednosta prof. Hnevkovsky.

(GIANT CELL TUMOR in inf. & child.)  
(BONE AND BONES neoplasms)  
(OCCIPITAL BONE neoplasms)

KUBAT, P.

Current viewpoints on the treatment of congenital hip dislocation.  
Cas. lek. česk. 104 no. 7:192-195 19 7'65.

1. Katedra detske chirurgie a ortopedie fakulty ceskeho lekarstvi  
Karlovy University v Praze (vedouci: prof. dr. U. Hlasek, DrSc.).

KUBAT, Stanislav, ins.

National conferences on the application of mathematical statistics  
in the machine industry. Stroj vyr 11 no.3,121 Mr '63.

1. Zavody na vyrobu kulickovych lozisek, n.p., Brno.

KUBAT, Zdenek, NEUBAUER, Miloslav

A contribution to the etiology of external inflammatory diseases  
of the eye. Cesk.ofth.16 no.7:401-403 N°60.

1. Očni oddeleni OUNZ v Havlickove Brode, prednosta MUDr.R.Wagner.  
Mikrobiologické oddeleni CHES v Havlickove Brode, prednosta  
MUDr. J. Duhon.  
(OPHTHALMOLOGY etiol)

KUBAT, Zdenek; NEUBAUER, Miloslav

Bacteriology of external inflammatory eye diseases and some notes on their treatment. I. Etiology. Cesk. ofth. 17 no.6:450-453 S '61.

1. Očni oddeleni OUNZ v Havlickove Brode, prednosta MUDr. R. Wagner,  
Mikrobiologicke oddeleni OHES v Havlickove Brode, prednosta MUDr.  
J. Duban.

(EYE microbiol)

KUBAT, Zdenek; NEUBAUER, Miloslav

Bacteriology of external inflammatory eye diseases and some notes on their treatment. II. Therapy. Cesk. ofth. 17 no.6:454-460 S '61.

- \* 1. Očni oddeleni OUNZ v Havlickove Brode, prednosta MUDr. R. Wagner, Mikrobiologické oddeleni OHES v Havlickove Brode, prednosta MUDr. J. Duben.

(EYE microbiol)



NEUBAUER, M.; KUBAT, Ed.

Contagious pneumococcal pharyngoconjunctivitis. Sborn. lek. 63 no.7/8:  
203-210 1961.

1. Mikrobiologické oddelení OHES v Havlíkově Brodě, přednosta MUDr.  
J.Duběn I. oční klinika fakulty všeobecného lékařství University  
Karlovy v Praze, přednosta prof. dr. E.Dienstbier.  
(PHARYNGITIS etiol.) (CONJUNCTIVITIS etiol.)  
(PNEUMOCOCCAL INFECTIONS physiol.)

NEUBAUER, M.; KUBAT, Z.

Role of diphtheroid microorganisms in the etiology of inflammatory eye diseases. Sborn. lek. 64 no.8/9:258-261 Ag '62.

1. Mikrobiologické oddelení OHS v Havlicko Brode, prednosta dr. J. Duben  
I. oční klinika fakulty všeobecného lékařství University Karlovy v Praze,  
prednosta prof. dr. E. Dienstbier.  
(OPHTHALMIA microbiol) (CORNEOBACTERIUM infect)

KUBAT, Z.

Effect of the method of antibiotic application on the clinical course of experimental *Pseudomonas* corneal ulcer. *Cesk. oftal.* 19 no.2:120-123 Mr '63.

1. I. oční klinika všeobecného lékařství KÚ v Praze, přednosta  
prof. dr. E. Dienstbier, DrSc.  
(CORNEA) (PSEUDOMONAS INFECTIONS) (ANTIBIOTICS)  
(IONTOPHORESIS)

KUBAT, Z.; ANDRYSEK, O.

Diagnosis of malignant intraocular tumors with P32. Acta univ. Carol. [med] (Praha): Suppl. 18: 77-80 '64.

1. I. oční klinika fakulty všeobecného lékařství University Karlovy v Praze (prednosta: prof. dr. E. Dienstbier) a Biofyzikální ústav fakulty všeobecného lékařství University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier).

KUBAT, Z.; ROKOS, J.; PROCHAZKA, P.; LIEBL, V.

Interaction of corneal polysaccharides with basic macromolecules.  
Cas. lek. cesk. 103 no.33:909-913 14 Ag '64.

1. I oční klinika fakulty všeobecného lékařství Karlovy University  
v Praze (prednosta prof. dr. E. Dienstbier, DrSc.) a Mikrobiologický  
ústav Československé akademie věd v Praze (ředitel akademik I. Malek).

KUBAT, Z.; ROKOS, J.; PROCHAZKA, P.; LIEBL, V.; KOHOUTEK, K.

A contribution to the problem of electrostatic bonds of the macromolecules of the corneal stroma, Sborn. lek. 67 no.6: 196-198 Je'65.

1. I. oční klinika fakulty všeobecného lékařství University Karlovy v Praze (prednosta: prof. dr. E. Deinstbier, DrSc.); a Mikrobiologický ústav Československé akademie věd v Praze (reditel: akademik: I. Malek).

BALIK, J., KUBAT, Z.

Lacrimal glucose excretion when wearing gel contact lenses.  
Sborn. lek. o/ no.6:215-218 1965.

1. I. oční klinika fakulty všeobecného lékařství Univerzity  
Karlovy v Praze (prednostai: prof. dr. E. Dienstbier, DrSc.).

KUBATA, M.K.; KRIVOKOBYL'SKIY, V.F.

Improved spark arresters for combine engines. Sel'khoz mashina  
no. 10:23-25 0'55. (MIRA 8:12)

1. Spetsial'noye konstruktorskoye byuro zavoda "Serp i molot"  
(Sparks) (Gas and oil engines)



KORZH, M.I.; VAKHTEL', V.Yu.; SUKHORUKOV, G.A.; KUBATA, M.K.

Improving the work of the cooling system of the SMD-14 engine. Trakt. i  
sel'khoz mash. no. 7:14-16 J1 '64. (MIRA 18:7)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po dvigatelyam.

L 8160-66 EWT(m)/T-2/EWP(f)

ACC NR: AP5025066

SOURCE CODE: UR/0286/65/000/016/0116/0117

AUTHORS: Kubata, M. K.; Podol'nyy, A. I.; Bursakov, A. V.; Usatanko, Y. G.;  
Royenko, V. I.; Prokopov, N. I.

ORG: none

TITLE: Cyclone air cleaner for internal combustion engines. Class 46, No. 174040

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 116-117

TOPIC TAGS: internal combustion engine, air cleaner

ABSTRACT: This Author Certificate presents a cyclone air cleaner for internal combustion engines as per Author Certificate No. 125974. The cleaner contains both cyclones and contact type air cleaning elements. To improve the air cleaning and dirt capacity of the unit (see Fig. 1) a reflector is placed between the cyclone exits and the air cleaning elements.

Cord 1/2

UDC: 621.43.03

L 8160-66

ACC NR: AP5025066

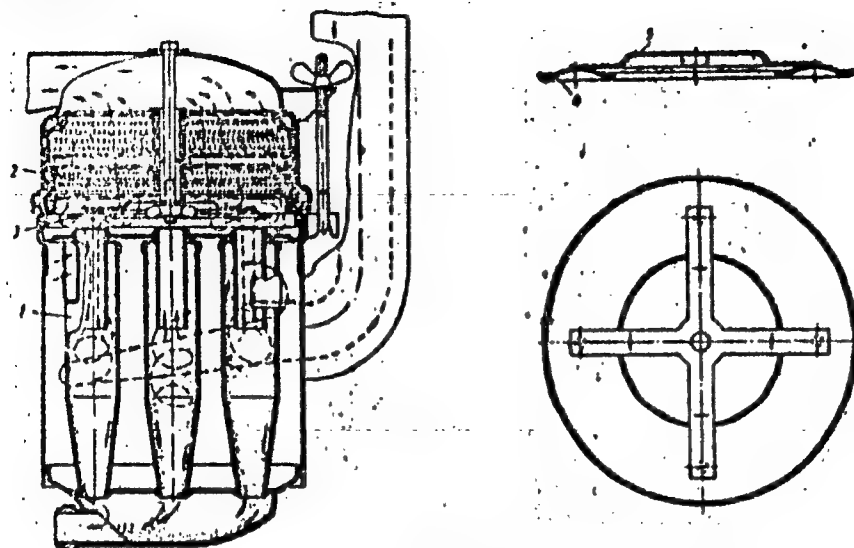


Fig. 1. 1- cyclones; 2- contact elements; 3- reflector; 4- ring;  
5- cross-shaped member

Orig. art. has: 1 figure.

SUB CODE: PR, IE/ SUBM DATE: 22Jun64

Card 2/2 JW

KUBATEK, B.

The local branch of the Association of Polish Electrical Engineers  
in the "Belma Works" in Bydgoszcz looks for new forms of activity.  
Przegl techn no.11:10 18 Mr '62.

KUBATEK, P.

The sources of success of local branches of the Association of Polish Mechanical Engineers and Technicians and the Club for Engineering and Production efficiency at the Bydgoszcz Factory of Machine Tools for Wood. Przegl techn no. 27:8. 8 J1 '62.

KUBATEK, E.

Technological progress in the construction industry in Bydgoszcz.  
Przegł techn no.40:10,14 7 0 '62.

KUBATEK, Bogumil

Importance of Bydgoszcz industrial district is growing; the  
Central Technical Organization and development of chemistry.  
Przegl techn 85 no. 32:9 9 Ag '64.

KUBATEK, Halina

An exhibition of Fresh technological literature in Bydgoszcz. Przegl  
techn 85 no.18:8 1-3 My '64.



KUEATI, S.

Hybrid seed increase corn production, p. 21, PER BUJQESIME SOCIALISTE,  
(Ministrie e Bujqesise) Tirane. Vol. 10, No. 6, June 1956

SOURCE: East European Accessions List, (EEAL) Library of Congress,  
Vol. 5, No. 12, December 1956

KUBATI, S.

"Agricultural-technical improvement increases the yield." p. 24

PER BUJQESINE SOCIALISTE. Tirane, Albania, Vol. 13, No. 11, November, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, No. 2,  
February, 1960. Uncl.

IMPACTIYEV, T. G.

IMPACTIYEV, T. G. "The Effect of Certain Factors on the Process of Formation of Cocoon Thread." Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent, 1955. (DISSERTATION FOR THE DEGREE OF CANDIDATE IN AGRICULTURAL SCIENCE).

Koizhnava Letopis',  
No. 27, July 2, 1955.

*KUBATKIN, V. I.*

AID P - 2894

Subject : USSR/Medicine

Card 1/2 Pub. 37 - 11/20

Authors : Rakhmanova, P. I., Gadulin, Yu. I., Geminov, N. V.,  
Kubatkin, V. I., Levit, A. B., Martensen, V. N.,  
Popova, N. A.

Title : Use of zooprophylaxis against malaria in building new  
populated localities

Periodical : Gig. i san., 9, 48-49, S 1955

Abstract : Discusses preventive measures against mosquitoes in  
Pecherskiye Vyselki, a new development in the Kuybyshev  
Oblast'. The editorial office considers the material  
of this article insufficient for sanitary evaluation,  
and recommends further studies. Chart.

Institutions: Institute of Malaria, Medical Parasitology and  
Helminthology, Ministry of Health, USSR; State  
Sanitary Inspection for the Kuybyshev Hydroelectric

AID P - 2894

Orig. 1 san., 9, 48-49, 8 1955

Card 2/2 Pub. 37 - 11/20

Power Plant, Kuybyshev Regional Antimalaria Station,  
and "Kuybyshevsel'proyekt" Planning Office.

Submitted : J1 22, 1954

MIKHAL'CHENKOV, M.I.; KUBATKIN, V.I., nauchnyy sotrudnik.

Mechanized filling and emptying of silos. Zhivotnovodstvo 20 no.2:  
75-78 # '58. (MIRA 11:1)

1. Direktor Rosgiprosel'stroya (for Mikhalechenkov). 2. Nauchno-  
issledovatel'skiy institut sel'skikh zdaniy i sooruzheniy (for  
Kubatkin).

(Ensilage) (Farm equipment)

SUBBOTINA, A.I.; PETROV, A.M.; KUBATKINA, G.I.

Chromatographic concentration of radioisotopes and various substances  
in dilute solutions. Report No.2. Trudy po khim.i khim.tekh. no.1:110-  
113 '63. (MIRA 17:12)

85047

18.7500 2308, 1555 only

S/126/60/010/004/019/023  
E111/E452

AUTHORS: Shcherbakov, V.N., Kubatkina, V.V., Motova, L.M.  
Tavetkova, G.N., and Yarochnikina, A.N.

TITLE: X-Ray Diffraction Investigation of Carbide-Formation  
Processes During Tempering of Hardened Alloy Steels

PERIODICAL: Fizika metallov i metallovedeniye, 1960, Vol.10, No.4,  
pp.622-627

TEXT: The authors state that there are divergent views on <sup>18/16</sup>carbide-formation effects even in carbon and low-alloy steels as well as in alloy steels. They describe their investigation of steels with various contents of carbon (0.2 to 1.0%) and alloying element (0.6 to 7.7% Cr, 1.2 to 5.5% Mn, 0.3 to 2.2% Mo, 0.1 to 10.3% V and 0.6 to 18.1% W). Chromium steels were hardened from 1150 to 1300, manganese from 950, molybdenum from 1100, vanadium and tungsten from 1200-1350°C. Tempering was effected at 200, 300, 400, 500, 600 and 680°C. Carbide phases formed at different stages of tempering were separated electrolytically and studied by X-ray diffraction (Debye method, chromium radiation), the powder being contained in a celluloid capillary. The phases found for various tempering temperatures  
Card 1/3



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S/126/60/010/004/019/023  
E111/E452

**X-Ray Diffraction Investigation of Carbide-Formation Processes  
During Tempering of Hardened Alloy Steels**

are shown in Tables 1 to 5 for chromium (types 10X6 (10Kh6),  
10X30 (10Kh30), 10X40 (10Kh40), 10X70 (10Kh70), 5X40 (5Kh40),  
5X70 (5Kh70), 2X40 (2Kh40)); manganese (types 10Γ12 (10G12),  
10Γ20 (10G20), 10Γ30 (10G30), 10Γ50 (10G50), 5Γ30 (5G30),  
2Γ30 (2G30)); molybdenum (types 10M3 (10M3), 10M6 (10M6),  
10M12 (10M12), 10M20 (10M20), 6M20 (6M20), 3M20 (3M20),  
2M20 (2M20)); vanadium (types 10Φ1 (10F1), 10Φ3 (10F3),  
10Φ6 (10F6), 10Φ12 (10F12), 10Φ20 (10F20), 10Φ40 (10F40),  
5Φ20 (5F20), 2Φ20 (2F20), 2Φ100 (2F100)); and tungsten  
(types 10B6 (10V6), 10B10 (10V10), 10B20 (10V20), 10B40 (10V40),  
10B60 (10V60), 10B130 (10V130), 10B180 (10V180), 5B40 (5V40),  
2B40 (2V40)) steels, respectively. Results of chemical analysis  
for Fe and Mn (wt.%) in carbide residue of 2G30, 10G30 and 10G50  
manganese steels are shown in Table 6 (analyses carried out by  
E.I. Levina). The published dependence of the change in the Fe<sub>3</sub>C  
phase on the degree of alloying of steel was confirmed in this work.  
Information was also obtained on the primary growth and subsequent  
coagulation of crystals of special carbides (precipitating as a  
Card 2/3

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S/126/60/010/004/019/023  
E111/E452

X-Ray Diffraction Investigation of Carbide-Formation Processes  
During Tempering of Hardened Alloy Steels

result of cementite formation) in relation to the ratio of the  
alloying-element and carbon contents of steels. There are  
6 tables.

ASSOCIATION: Gor'kovskiy issledovatel'skiy fiziko-tehnicheskiy  
institut (Gor'kiy Physics and Engineering Research  
Institute)

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SUBMITTED: July 25, 1959

Card 3/3

ALEKSANDROWICZ, J.; KUBATKO, E.; SZMIGIEL, Z.

Nitrogranulogen in the treatment of cases of optic nerve diseases. Pol. tyg. lek. 20 no.40:1507-1508 4 0 '65.

1. Z Oddziału Okulistycznego Szpitala Miejskiego im.  
S. Zeromskiego w Nowej Hucie (Ordynator: dr. med. E. Kubatko)  
i III Kliniki Chorob Wewnętrznych AM w Krakowie (Kierownik:  
prof. dr. J. Aleksandrowicz).

KUBATKO, Eugeniusz

A case of ocular changes in sclerosis tuberosa. Klin.ocsna  
29 no.4:389-394 '59.

1. Z Kliniki Chorob Oczu A.M. w Krakowie Kierownik: prof.  
dr med. H.Wilczek.

(TUBEROUS SCLEROSIS diag)

(MYN diag)

KUKH IV, V.M.

BELYAYEV, A.F.

AUTHOR: Solomonov, M.

SOV/24-35-5-30/31

TITLE: Scientific-Method Conference on the Problem of Breaking-up Rocks by Explosions (Pervyye nauchno-metodicheskoye soveshchaniye po problemam drobleniya goruykh porod vzyvov)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 5, pp 143-144 (USSR)

ABSTRACT: On February 24-26, 1958 a conference was held on breaking-up rocks by explosions at the Institute of Mining, Ac.Sc., USSR (Institut Gornogo Dela AN SSSR). 100 people from 32 towns participated and the participants included representatives of Works, Research Institutes of the Ac.Sc., from various parts of the Soviet Union, departmental research institutes and of higher teaching

establishments.

An section "Following papers were presented: case of explosives and breaking-up of rocks --

"A new test for the examination of explosives in crushing operations" by L. I. Baron, B. D. Nosov, Institute of Mining, Ac.Sc. USSR;

"An investigation of the brisance according to Hess as a characteristic of the properties of explosives in breaking-up rocks" by S. P. Lavichik, Institute of Mining, Ac.Sc., USSR;

"On the influence of the explosive characteristics of explosives on the quality of breaking down of highly fissured and flooded rocks" by V. I. Mosinets, Institute of Non-Ferrous Metals and Gold;

"On the laboratory technique of determining the breaking-up of rocks" by L. I. Baron, B. V. Orlov, V.M. Kubatov, Institute of Mining, Ac.Sc. USSR.

In the section relating to determining the dimensions of fragments the following papers were presented:

"On the quantitative indices of the quality of breaking-up of rocks and the technique of their determination during work with explosives in railroad construction." by Dr. Sc. Brodov, Tashkent;

Card 3/3

VAHALA, Z.; VYBORNÝ, J.; KUBATOVÁ, A.

Contribution to the problem of intrahepatic aneurysms. Roshl.  
chir. 38 no.12:840-847 D '59

1. Chirurgická klinika fakultní nemocnice v Praze I, pod Petrinem  
prednosta doc. dr. Z. Vahala II. patol-anatom. ustav fakulty všeo-  
becného lékařství KY v Praze, predn. prof. dr. V. Jedlička.

(FISTULA ARTERIOVENOUS, case reports)

(PORTAL VEINS, abnorm.)

(HEPATIC ARTERY, abnorm.)

SEBEK, T.; SKODA, Vl.; KANKA, J.; KUBATOVA, A.

Our experience with cervical conisation. Cesk. gyna. 26[40] no.4:  
290-292 '61.

1. II. gyna. por. klinika KU v Praze, prednosta prof. MUDr. J. Lukas,  
Dr. Se.

(CERVIX UTERI surg)

CELESTOVANIA

KUBATOVA, A., KUBAT, K., and KOVANIĆ, P., with technical co-operation of HUBEROVA, R., and LYEROVA, O., Second Institute of Pathological Anatomy (II. patologickoanatomický ústav), Faculty of General Medicine (Fakulta všeobecného lékařství), Charles University, Prague, Prof. Dr. V. JEDLIČKA, Dr of Sciences, director; and Histological Laboratory (Histologická laborator), Second Clinic of Gynecology and Obstetrics (II. gynekologicko-porodnická klinika), Faculty of General Medicine (Fakulta všeobecného lékařství), Charles University, Prague, Prof. Dr J. LUKAS, Dr of Sciences, director.

"Morphological Findings in the Heart Muscle of Rats Following a Hypercapnic and Hypoxic Hypothermia to a Rectal Temperature of 1.0 Degree Centigrade"

Prague, Casopis Lekaru Ceskych, Vol CII, No 32/33, 16 August 1963, pp 874-880.

Abstract [Authors' English summary]: Female rats (Wistar, own breed) were subject to a hypercapnic and hypoxic hypothermia. Cardiac arrests lasted for at least 25 minutes. Ninety percent of the animals were resuscitated. Small multiple necroses were found in the heart muscle in rats killed after different time intervals. It was found that the severity of changes was proportional to the degree of hypothermia. Necroses were an exception in rats subject to hypercapnia and hypoxia. Early regressive changes of muscle fibers resembled pressure artefacts when common histological staining was used. Thirty references, including 3 Czech and 2 Russian.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000827010016-6  
Prague, Casopis Lekaru Ceskych, Vol CII, No 32/33, 16 August 1963, pp 874-880.

portional to the degree of hypothermia. Necroses were an exception in rats subject to hypercapnia and hypoxia. Early regressive changes of muscle fibers resembled pressure artefacts when common histological staining was used. Thirty references, including 3 Czech and 2 Russian.



KOVANIC, P.; KUBAT, K.; KUBATOVA, A.

Pressure artefacts in the rat myocardium. Cas. Lek. Cesk.  
103 no.17:462-465 Ap 24 '64.

1. II patologickoanatomicky ustav fakulty vseobecneho lekarstvi  
KU [Karlova University] v Praze, (prednosta prof. Dr. V. Jedlicka,  
DrSc.) a Histologicka laborator II. gynekologicko-porodnicka  
kliniky fakulty vseobecneho lekarstvi KU [Karlova University] v  
Praze, (vedouci prof. dr. J. Lukas, DrSc).

KUBATOVA, B. (II. patologic, U nemocnice 4 Praha 2)

Congenital abnormality of the portal vein in a clinical case of Banti's syndrome. Sborn. lek. 60 no.4:114-118 Apr 58.

1. II. patologicckoanatomicky ustav fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. Dr. Vaclav Jedlicka.

(VEINS, PORTAL SYSTEM, abnormalities  
in Banti's dis., case report (Cz))

(ANEMIA, SPLENIC, case reports  
congen. abnorm. of portal vein in Banti's dis. (Cz))

POSPISIL, J.; ZAVADIL, M., CSo.; VIKLICKY, J., doc.; KUBATOVA, B.

Specimen taking and histological examination of the endometrium. Cesk. gynek. 27 no.3:178-180 Ap '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr. M. Vojta, I. gyn. por. klin. KU, Praha, prednosta prof. MUDr. K. Klaus, DrSo. - Onkol. lab. fak. vseob. lek. KU, Praha, prednosta prof. MUDr. J. Venta - Pat. anat. odd. nemocnice, Praha-Bulovka, prednosta doc. MUDr. J. Visklicky - II gyn. por. klin. KU, Praha, prednosta prof. MUDr. J. Lukas, DrSo.

(UTERUS NEOPLASMS pathol)

ADAM, E.; STANINEC, M.; KUBATOVA, E.; HALIK, J.; MORAVA, V.; MARES, I.;  
ZAVADOVA, E.; DREVO, M.

Vaccination against measles with live vaccine in a pediatric  
department. Cas. lek. cesk. 104 no.2:38-46 15 Ja '65

1. Ustav ser a ockovicich latek, Praha (reditel - MUDr. J. Malek);  
Infecni klinika, Praha-Bulovka (prednosta - prof. dr. J. Prochaska,  
DrSc.) a Detska psychiatricka lecebna, Oparany (reditel - MUDr.  
V. Vojtik).

ADAM, E.; KUBATOVA, E.; KRATOCHVILLOVA, M.; BURIAN, V.; SKVARIL, F.;  
Statistické zpracování: MALÝ, V.

Preparations of placental gamma globulins stabilized by  
epsilon-aminocaproic acid. Study on the reactivity and  
efficiency. Cas. lek. Cesk. 104, no.4:1093-1100 8 0 '65.

1. Ústav ser a očkovačích látek v Praze (ředitel MUDr.  
J. Malý).

ADAM, E.; BURIAN, V.; KUBATOVA, E.; DOLEJSI, H.; DVORAK, K.; SKVRNOVA, K.;  
ZIKMUND, V.

Vaccination of susceptible adults against influenza with in-  
activated vaccine. Cas. lek. cesk. 104 no.23:614-621 11 Je'65.

1. Ustav ser a ockovacich latek (klin. epid. odbor) v Praze  
(reditel: dr. J. Malek); Vyzkumny ustav experimentalni terapie  
v Praze (reditel: prof. dr. O. Smahel); Ustav epidemiologie a  
mikrobiologie v Praze (reditel: prof. dr. K. Raska); Interni  
oddeleni nemocnice ve Inarich (vedouci: MUDr. K. Dvorak); Okremi  
hygienicko-epidemiologicke stanice v Liberci (reditel: MUDr.  
J. Marecek).

Infectious Diseases

CZECHOSLOVAKIA

UDC 615.371(:576.858.23.095.5)

ADAM, E.; VONKA, V.; ADAMOVA, V.; BURIAN, V.; JANDA, Z.; KUBATOVA, E.; LESETICKY, F.; NOVAK, K.; Institute of Sera and Vaccines (Ustav Ser a Ockovacich Latek), Prague, Director (Reditel) Dr J. MALEK; Section of Clinical Epidemiology (Odbor Klinicko-Epidemiologiccky) Head (Vedouci) Dr E. ADAM; Section of Virological Research (Odbor Virologického Vyzkumu) Head (Vedouci) Docent Dr D. SLONIM; Institute for Postgraduate Medical Training-Clinic of Infectious Diseases (Ustav pro Doshkolovani Lekaru-Infekoni Klinika) Prague-Bulovka, Head (Prednosta) Prof Dr J. PROCHAZKA; Krajska Station of Hygiene and Epidemiology (Hygienicko-Epidemiologiccka Stanice) Usti nad Labem and Ceske Budejovice.

"Oral Mass Vaccination with a New Attenuated Type 3 Poliovirus. State of Serum Immunity of Selected Groups of the Child Population."

Prague, Casopis Lekaru Ceskych, Vol 105, No 36-37, 9 Sep 66, pp 999 - 1003

Abstract [Authors' English summary modified]: Poliovirus 3 Leon 12 a,b was used in one region and virus USOL D bac in the other. The second type produced persistent antibodies in a high percentage of children; results with the other are not conclusive. 3 Tables, 8 1/1 Czech references. (Manuscript received May 66).

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Author : Kubeck, Frantisek  
Inst :   
Title : Type 403 Pulse Counter  
Orig Pub : Slaboprudy obzor, 1958, 19, No 12, 832-835  
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Kubec, v.

Examining the even harmonics of a parallel-connected magnetic amplifier.

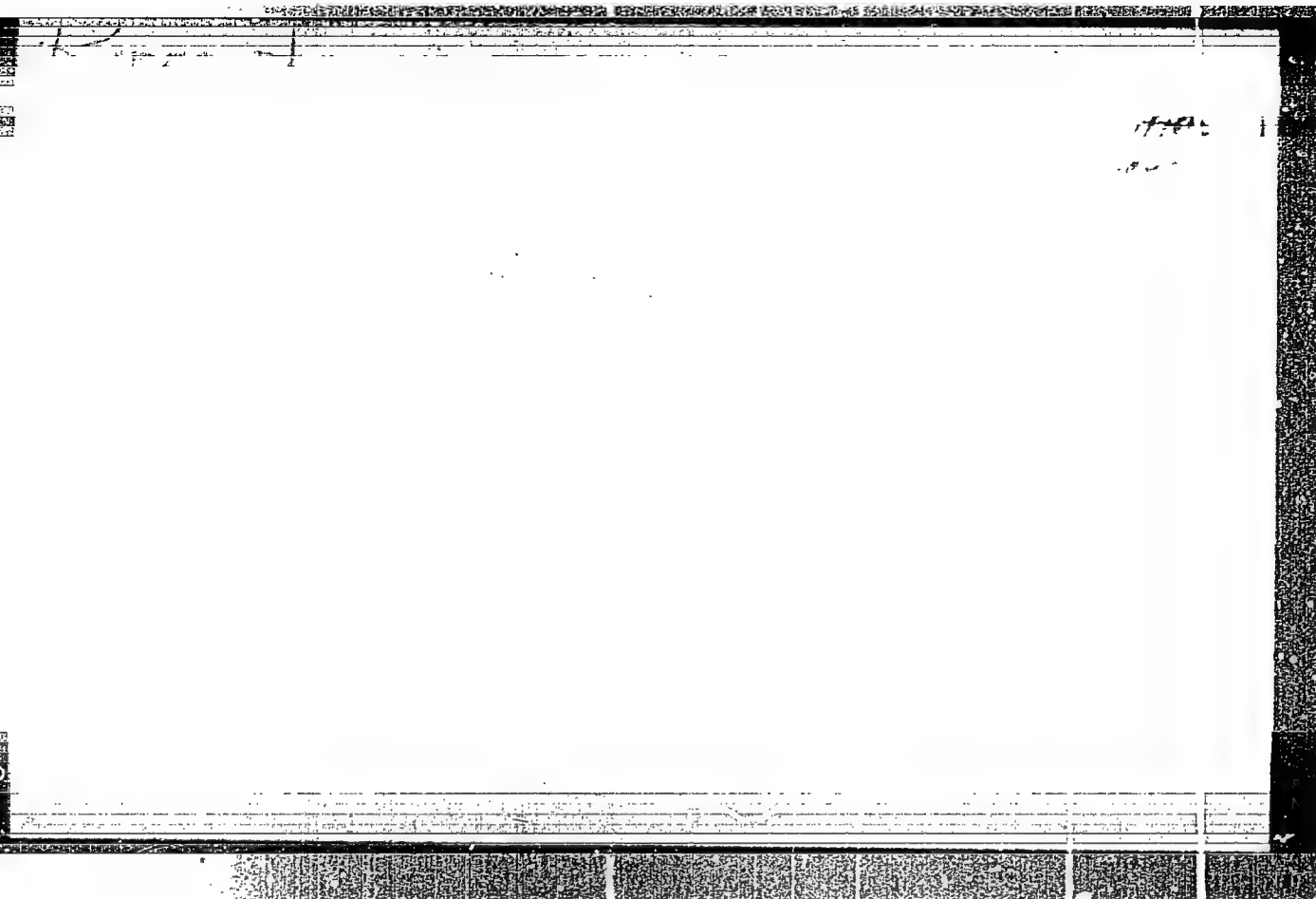
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Dielectric properties of paper and oil insulation. Tr. from the  
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(Elektrotechnický Obzor, Vol. 46, no. 2, February 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,  
June 1957. Uncl.

S/196/63/000/001/030/035  
E194/E155

AUTHOR: Kubec, Václav

TITLE: A multi-core magnetic amplifier

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,  
no.1, 1963, 39, abstract 1 I 188. (Probl. Transform.  
für höchste Spannung und Leistung.

Prague, Czech AS., 1961, 111-132. (German: summary in  
Russian)

TEXT: In low-voltage circuits saturating chokes with d.c.  
magnetisation can control the inductive load, compensate  
capacitive currents etc. Undesirable effects sometimes occur,  
the output current wave shape becoming non-sinusoidal, but this  
may be overcome by using multi-core magnetic amplifiers with  
forced premagnetisation. The number of turns in the d.c. and  
a.c. windings of individual pairs of cores are so selected that  
the wave shape of the output current which is summated from  
individual stages remains sinusoidal whatever the value of the

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A multi-core magnetic amplifier

S/196/63/000/001/030/035  
E194/E155

control current. If the magnetisation curve is of ideal shape it is easy to calculate the number of turns required in the individual windings. However, in practice it is usually best to make the cores of cheaper materials which do not have ideal magnetic characteristics. A new semi-graphical method of calculation has been developed for such cases. Measurements show that the output current wave shape of saturating chokes calculated by this procedure are very close to sinusoidal even with high values of pre-magnetisation current and relatively small number of cores.  
29 figures. 1 reference.

[Abstractor's note: Complete translation.]

Card 2/2

KUBEC, Vaclav, inz.

Effect of eddy currents on the output of magnetic amplifiers  
with back coupling. El tech obsor 52 no.1:46-47 Ja '63.

KUBEC, Vaclav, inz.

Dynamics of the Bloch wall in oriented cpre sheet. El tech obzor  
52 no.1:47-48 Ja '63.

KUBEC, Vaclav, ins.

Solution of thermokinematic problems by an electric  
model. El tech obsor 53 no. 3: 163-164 Mr '64.

ACCESSION NR: AP4042353

Z/0050/64/000/007/0010/0010

AUTHOR: Kubec, V. (Engineer, Candidate of sciences); Sequens, J. (Doctor, Engineer); Vasko, A. (Engineer)

TITLE: Magnetic fields made visible

SOURCE: Bulletin Ceskoslovenske akademie ved, no. 7, 1964, 10

TOPIC TAGS: magnetic field, weak magnetic field, magnetic field visualization

ABSTRACT: In a previous study conducted at the Ustav pro elektrotechniku, CSAV (Institute of Electrical Engineering, CSAV), temperature fields had been made visible (CSAV Bulletin, no. 3, 1963). Using the experience gained, scientists developed a new method of making magnetic fields visible by means of a polariscope. The method is based on the Majorana effect (a colloidal solution consisting of ferromagnetic particles becomes doubly refracting in a magnetic field which is perpendicular to the optical axis of polarized light). A thin layer of magnetooptic liquid illuminated by polarized light is placed in a magnetic field, whose image can then be seen on the screen of a

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ACCESSION NR: AP4042353

polariscope. A colloidal solution of magnetite prepared at the Fyzikalni ústav, CSAV (Institute of Physics, CSAV) was used. This solution aids in visualizing relatively weak dispersed magnetic fields (e.g., around the winding of electric machines), mainly in cases when it would be difficult to calculate their shape. The inventors of the method are V. Kubec and J. Sequens of the Electrotechnical Institute, CSAV, and A. Vasko, of the Ústav radiotechniky a elektroniky CSAV (Institute of Radio Engineering and Electronics, CSAV). A patent has been applied for.

ASSOCIATION: none

SUBMITTED: 00

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NO REF SOV: 000

OTHER: 000

Card 2/2

RUBIC, V.; SEQUENS, J.

Visualization of magnetic fields by means of the Majorana effect.  
El tech cas 15 no.2:115-119 '64.

KUBEC, V., inz.

Oscillating magnetic amplifier. El tech obzor 53 no. 2:95  
F '64.

KUBEC, Vaclav, inz. CSc.

Graphoanalytic solution of circuits with dielectric amplifiers.

El tech obzor 53 no.9:503-504 3 '64